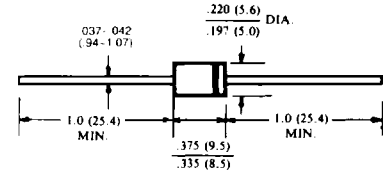


TRANSIENT VOLTAGE SUPPRESSORS 1.5KE SERIES

Operating Temperature - 65°C to +175°C

JEDEC TYPE NUMBER	GENERAL PART NUMBER	Breakdown Voltage V _{BR} (Volts)		@IT (mA)	Working Peak Reverse Voltage V _{RWM} (Volts)	Maximum Reverse Leakage @ V _{RWM} I _r (μA)	Max. Reverse Surge Current I _{RSM} (AMPS)	Max. Clamping Voltage V _{CSM} (Volts)	Maximum Temperature Coefficient of V _{BR} (%/°C) V _{RSM} (Volts)	OUTLINE INCHES (mm)
		Min	Max							
1N6267	1.5KE6.8	6.12	7.48	10	5.50	1000	139	10.8	0.057	
1N6267A	1.5KE6.8A	6.45	7.14	10	5.80	1000	143	10.5	0.057	
1N6268	1.5KE7.5	6.75	8.25	10	6.05	500	128	11.7	0.061	
1N6268A	1.5KE7.5A	7.13	7.88	10	6.40	500	132	11.3	0.061	
1N6269	1.5KE8.2	7.38	9.02	10	6.63	200	120	12.5	0.065	
1N6269A	1.5KE8.2A	7.79	8.0	10	7.02	200	124	12.1	0.065	
1N6270	1.5KE9.1	8.19	10.0	1.0	7.37	50	109	13.8	0.068	
1N6270A	1.5KE9.1A	8.65	9.55	1.0	7.78	50	112	13.4	0.068	
1N6271	1.5KE10	9.00	11.0	1.0	8.10	10	100	15.0	0.073	
1N6271A	1.5KE10A	9.50	10.5	1.0	8.55	10	103	14.5	0.073	
1N6272	1.5KE11	9.90	12.1	1.0	8.92	5.0	93.0	16.2	0.075	
1N6272A	1.5KE11A	10.5	11.6	1.0	9.40	5.0	96.0	15.6	0.075	
1N6273	1.5KE12	10.8	13.2	1.0	9.72	5.0	87.0	17.3	0.076	
1N6273A	1.5KE12A	11.4	12.6	1.0	10.2	5.0	90.0	16.7	0.078	
1N6274	1.5KE13	11.7	14.3	1.0	10.5	5.0	79.0	19.0	0.081	
1N6274A	1.5KE13A	12.4	13.7	1.0	11.1	5.0	82.0	18.2	0.061	
1N6275	1.5KE15	13.5	16.5	1.0	12.1	5.0	68.0	22.0	0.084	
1N6275A	1.5KE15A	14.3	15.8	1.0	12.8	5.0	71.0	21.2	0.084	
1N6276	1.5KE16	14.4	17.6	1.0	12.9	5.0	64.0	23.5	0.066	
1N6276A	1.5KE16A	15.2	16.8	1.0	13.6	5.0	67.0	22.5	0.066	
1N6277	1.5KE18	16.2	19.8	1.0	14.5	5.0	56.5	26.5	0.068	
1N6277A	1.5KE18A	17.1	18.9	1.0	15.3	5.0	59.5	26.2	0.089	
1N6278	1.5KE20	18.0	22.0	1.0	16.2	5.0	51.5	29.1	0.090	
1N6278A	1.5KE20A	19.0	21.0	1.0	17.1	5.0	54.0	27.7	0.090	
1N6279	1.5KE22	19.8	24.2	1.0	17.8	5.0	47.0	31.9	0.092	
1N6279A	1.5KE22A	20.9	23.1	1.0	18.8	5.0	49.0	30.6	0.092	
1N6280	1.5KE24	21.6	26.4	1.0	19.4	5.0	43.0	34.7	0.094	
1N6280A	1.5KE24A	22.8	25.2	1.0	20.5	5.0	45.0	33.2	0.094	
1N6281	1.5KE27	24.3	29.7	1.0	21.8	5.0	38.5	39.1	0.096	
1N6281A	1.5KE27A	25.7	28.4	1.0	23.1	5.0	40.0	37.5	0.096	
1N6282	1.5KE30	27.0	33.0	1.0	24.3	5.0	34.5	43.5	0.097	
1N6282A	1.5KE30A	28.5	31.5	1.0	25.6	5.0	36.0	41.4	0.097	
1N6283	1.5KE33	29.7	36.3	1.0	26.8	5.0	31.5	47.7	0.098	
1N6283A	1.5KE33A	31.4	34.7	1.0	28.2	5.0	33.0	45.7	0.098	
1N6284	1.5KE36	32.4	39.6	1.0	29.1	5.0	29.0	52.0	0.099	
1N6284A	1.5KE36A	34.2	37.8	1.0	30.8	5.0	30.0	49.9	0.099	
1N6285	1.5KE39	35.1	42.9	1.0	31.6	5.0	26.5	56.4	0.100	
1N6285A	1.5KE39A	37.1	41.0	1.0	33.3	5.0	28.0	53.9	0.100	
1N6286	1.5KE43	38.7	47.3	1.0	34.8	5.0	24.0	61.9	0.101	
1N6286A	1.5KE43A	40.9	45.2	1.0	36.8	5.0	25.3	59.3	0.101	
1N6287	1.5KE47	42.3	51.7	1.0	36.1	5.0	22.2	67.8	0.101	
1N6287A	1.5KE47A	44.7	49.4	1.0	40.2	5.0	23.2	64.8	0.101	
1N6288	1.5KE51	45.9	56.1	1.0	41.3	5.0	20.4	73.5	0.102	
1N6288A	1.5KE51A	48.5	53.6	1.0	43.6	5.0	21.4	70.1	0.102	
1N6289	1.5KE56	50.4	61.8	1.0	45.4	5.0	18.6	80.5	0.103	
1N6289A	1.5KE56A	53.2	58.8	1.0	47.8	5.0	19.5	77.0	0.103	
1N6290	1.5KE62	55.8	68.2	1.0	50.2	5.0	16.9	89.0	0.104	
1N6290A	1.5KE62A	58.9	65.1	1.0	53.0	5.0	17.7	85.0	0.104	
1N6291	1.5KE68	61.2	74.8	1.0	55.1	5.0	15.3	98.0	0.104	
1N6291A	1.5KE68A	64.6	71.4	1.0	58.1	5.0	16.3	92.0	0.104	
1N6292	1.5KE75	67.5	82.5	1.0	60.7	5.0	13.9	108.9	0.105	
1N6292A	1.5KE75A	71.3	78.8	1.0	64.1	5.0	14.6	103.9	0.105	
1N6293	1.5KE82	73.8	90.2	1.0	66.4	5.0	12.7	118.0	0.105	
1N6293A	1.5KE82A	77.9	86.1	1.0	70.1	5.0	13.3	113.0	0.105	
1N6294	1.5KE91	81.9	100.0	1.0	73.7	5.0	11.4	131.0	0.106	
1N6294A	1.5KE91A	86.5	95.5	1.0	77.8	5.0	12.0	125.0	0.106	
1N6295	1.5KE100	90.0	110.0	1.0	81.0	5.0	10.4	144.0	0.106	
1N6295A	1.5KE100A	95.0	105.0	1.0	85.5	5.0	11.0	137.0	0.106	
1N6296	1.5KE110	99.0	121.0	1.0	89.2	5.0	9.5	158.0	0.107	
1N6296A	1.5KE110A	106.0	116.0	1.0	94.0	5.0	9.9	152.0	0.107	
1N6297	1.5KE120	108.0	132.0	1.0	97.2	5.0	8.7	173.0	0.107	
1N6297A	1.5KE120A	114.0	126.0	1.0	102.0	5.0	9.1	165.0	0.107	
1N6298	1.5KE130	117.0	143.0	1.0	106.0	5.0	8.0	187.0	0.107	
1N6298A	1.5KE130A	124.0	137.0	1.0	111.0	5.0	8.4	179.0	0.107	
1N6299	1.5KE150	136.0	165.0	1.0	121.0	5.0	7.0	215.0	0.108	
1N6299A	1.5KE150A	143.0	158.0	1.0	128.0	5.0	7.2	207.0	0.106	
1N6300	1.5KE160	144.0	176.0	1.0	130.0	5.0	6.5	230.0	0.106	
1N6300A	1.5KE160A	152.0	168.0	1.0	136.0	5.0	6.8	219.0	0.108	
1N6301	1.5KE170	153.0	167.0	1.0	138.0	5.0	6.2	244.0	0.108	
1N6301A	1.5KE170A	162.0	179.0	1.0	145.0	5.0	6.4	234.0	0.108	
1N6302	1.5KE180	162.0	198.0	1.0	146.0	5.0	5.8	258.0	0.108	
1N6302A	1.5KE180A	171.0	189.0	1.0	154.0	5.0	6.1	246.0	0.108	
1N6303	1.5KE200	180.0	220.0	1.0	162.0	5.0	5.2	287.0	0.108	
1N6303A	1.5KE200A	190.0	210.0	1.0	171.0	5.0	5.5	274.0	0.108	
	1.5KE220	196.0	242.0	1.0	175.0	5.0	4.3	344.0	0.108	
	1.5KE220A	209.0	231.0	1.0	185.0	5.0	4.6	328.0	0.108	
	1.5KE250	225.0	275.0	1.0	202.0	5.0	5.0	360.0	0.110	
	1.5KE250A	237.0	263.0	1.0	214.0	5.0	5.0	344.0	0.110	
	1.5KE300	270.0	330.0	1.0	243.0	5.0	5.0	430.0	0.110	
	1.5KE300A	285.0	315.0	1.0	256.0	5.0	5.0	414.0	0.110	
	1.5KE350	315.0	385.0	1.0	284.0	5.0	4.0	504.0	0.110	
	1.5KE350A	333.0	368.0	1.0	300.0	5.0	4.0	482.0	0.110	
	1.5KE400	360.0	440.0	1.0	324.0	5.0	4.0	574.0	0.110	
	1.5KE400A	380.0	420.0	1.0	342.0	5.0	4.0	548.0	0.110	



DO201AE

NOTE:
V_r = 3.5 V max., I_r = 100A (1.5KE 6.8 thru 1.5KE91A)
V_r = 5.0 V max., I_r = 100A (1.5KE100 thru 1.5KE400A)
per 1/2 Square or Equivalent Sine Wave
PW = 8.3 ms. Duty Cycle x 4 Pulses per Minute
Maximum